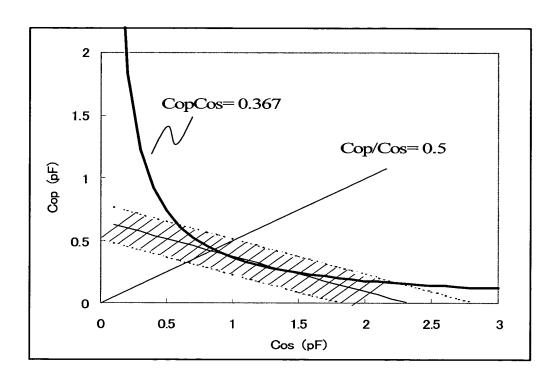
**DEVICE** 

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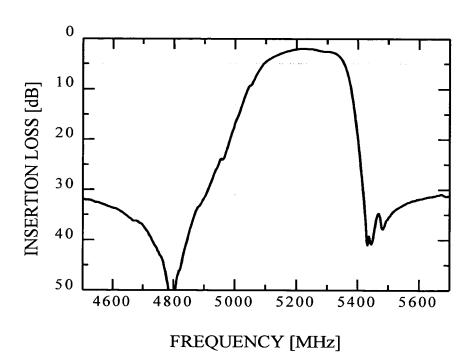
Fig. 1 Prior art



**DEVICE** 

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Fig. 2 PRIOR ART



**DEVICE** 

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Fig. 3 Prior art

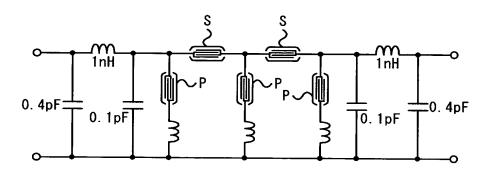
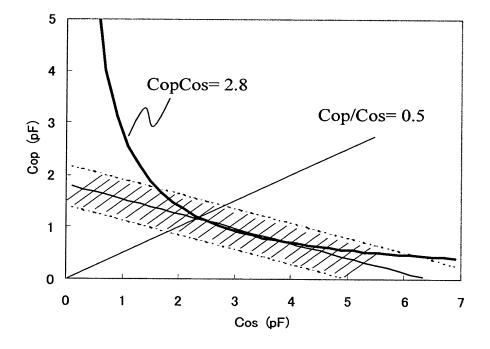


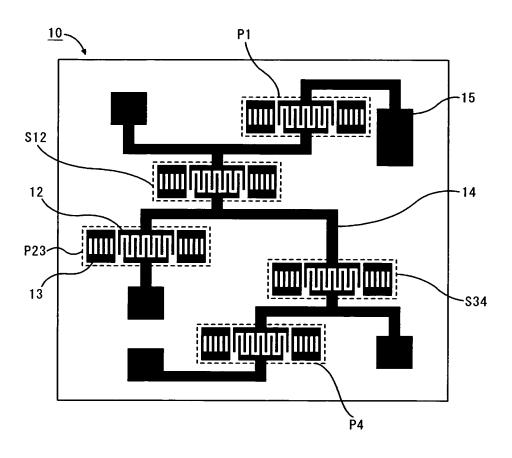
Fig. 4 PRIOR ART



**DEVICE** 

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Fig. 5



**DEVICE** 

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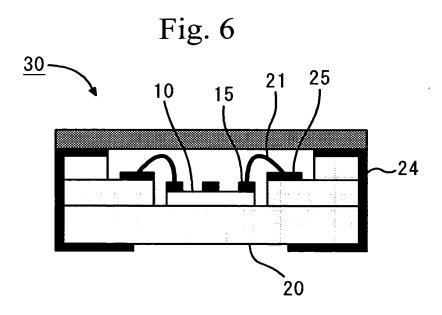
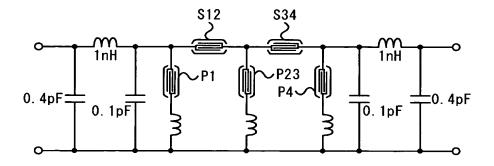


Fig. 7



Title: SURFACE ACOUSTIC WAVE FILTER AND FILTER **DEVICE** Inventor's Name: Tadashi NAKATANI et al Application No.: New Application Docket No.: 025720-00015 Fig. 8A<sub>-10</sub> INSERTION LOSS [dB] -20 -30 -40 -50 S11 5000 6000 4000 CopCos=0.6(CopCos)<sub>0</sub> FREQUENCY [MHz] Fig. 8B<sub>-10</sub> INSERTION LOSS [dB] -20 -30 -40 -50 4000 5000 6000 S11 CopCos=(CopCos)<sub>0</sub> FREQUENCY [MHz] Fig. 8C INSERTION LOSS [dB] -20 -30 -40 -<sub>50</sub> └─ 4000 5000 6000 **S11** CopCos=2(CopCos)<sub>0</sub> FREQUENCY [MHz] Fig. 8D° -10 SERLION FOR -200 -300 -400 -20

-30

-40

-50

4000

5000 FREQUENCY [MHz]

6000

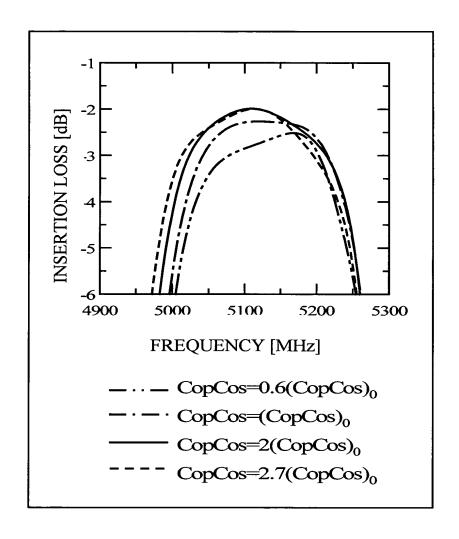
S11

CopCos=2.7(CopCos)<sub>0</sub>

**DEVICE** 

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Fig. 9



DEVICE

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Fig. 10

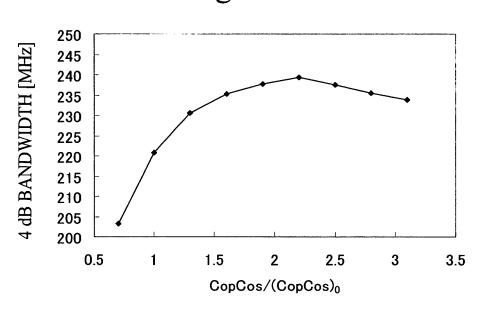
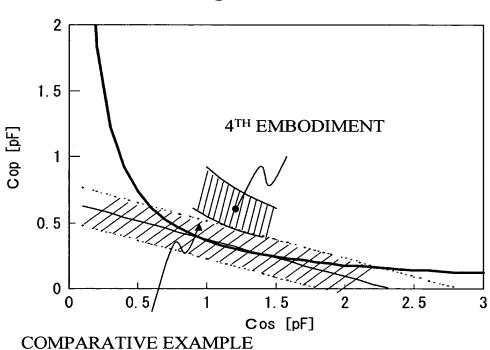


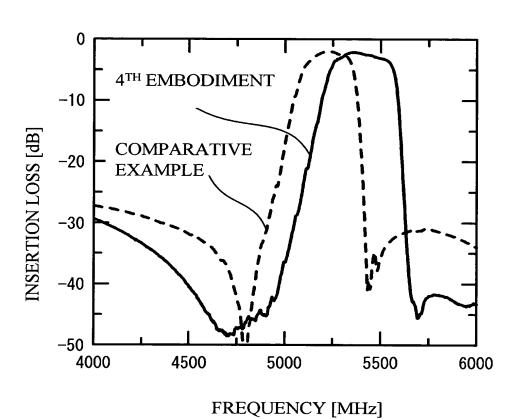
Fig. 11



**DEVICE** 

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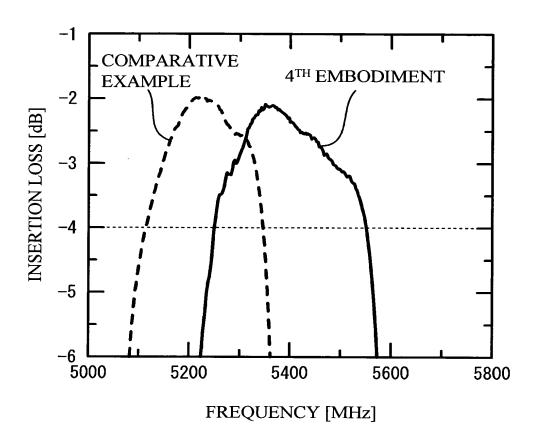
Fig. 12



**DEVICE** 

Inventor's Name: Tadashi NAKATANI et al

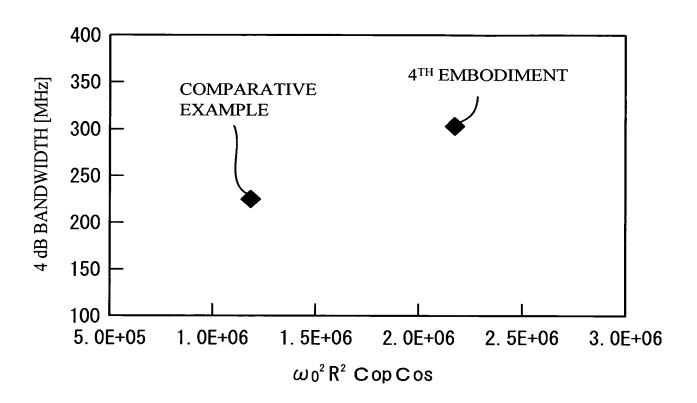
Fig. 13



**DEVICE** 

Inventor's Name: Tadashi NAKATANI et al

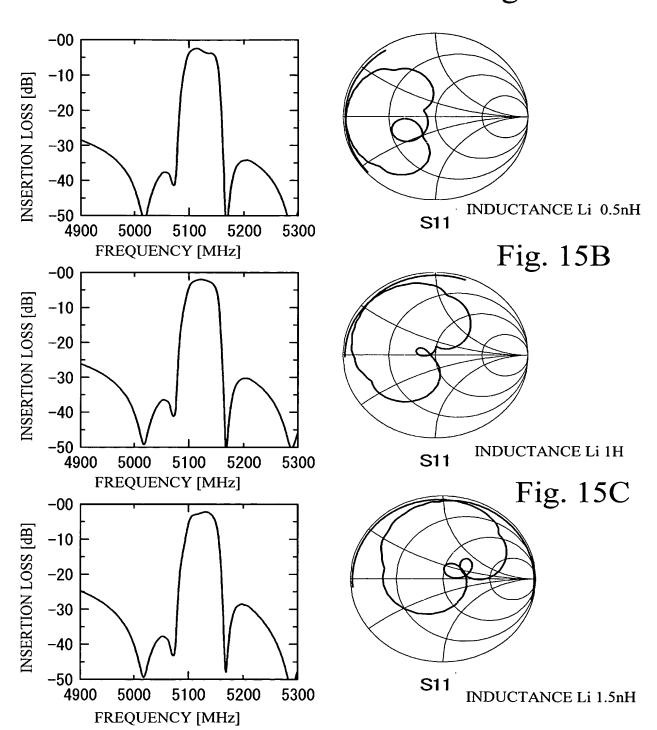
Fig. 14



**DEVICE** 

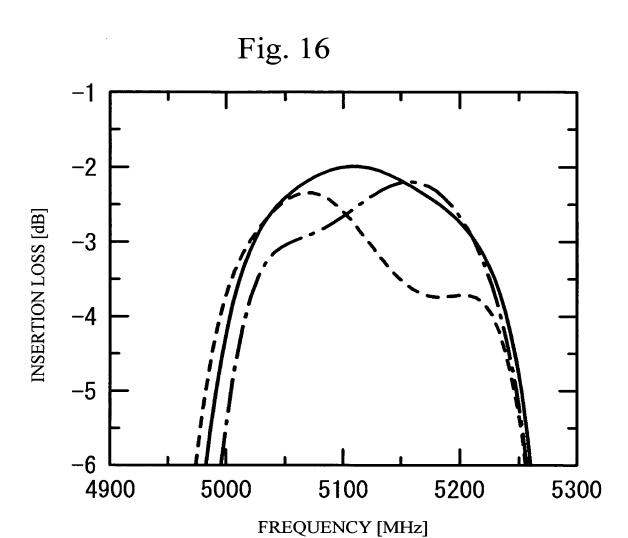
Inventor's Name: Tadashi NAKATANI et al

Fig. 15A



**DEVICE** 

Inventor's Name: Tadashi NAKATANI et al

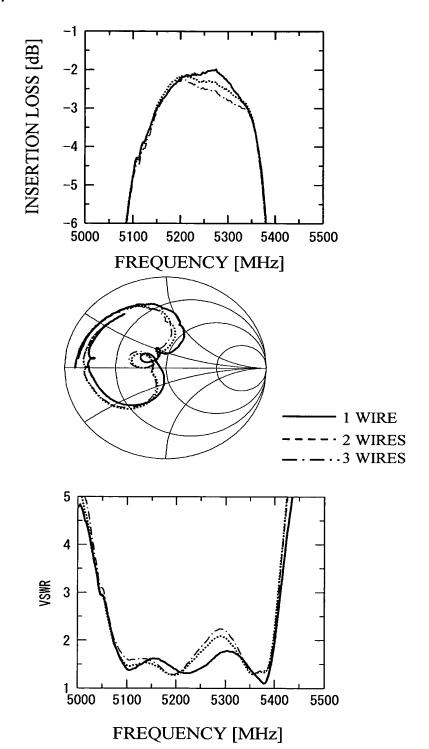


- (a) - SIGNAL WIRE 0.5nH
- (b) ——— SIGNAL WIRE 1nH
- (c) · · SIGNAL WIRE 1.5nH

**DEVICE** 

Inventor's Name: Tadashi NAKATANI et al

Fig. 17

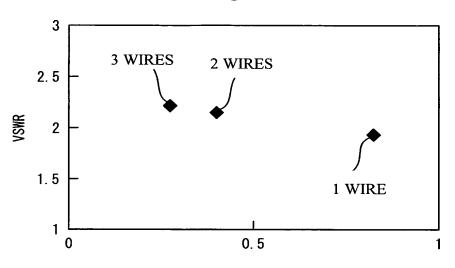


DEVICE

Inventor's Name: Tadashi NAKATANI et al

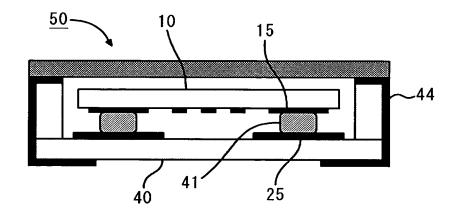
Application No.: New Application Docket No.: 025720-00015

Fig. 18



INDUCTANCE OF BONDING WIRES 21 [nH]

Fig. 19



Title: SURFACE ACOUSTIC WAVE FILTER AND FILTER DEVICE Inventor's Name: Tadashi NAKATANI et al

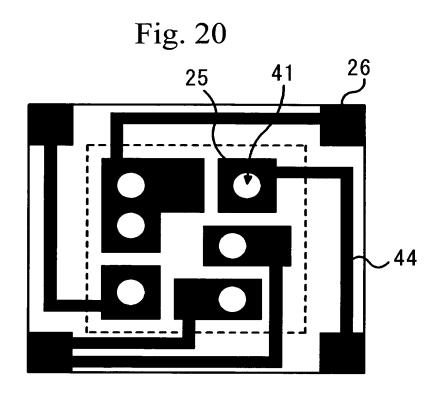


Fig. 21

